EXHIBIT "B"

Change History Report

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```
prefix      td
name        73400
reference   73399
abstract    Line Item BXK - Security Mechanism Abstraction Layer
duplicate
component   ctsec

state       closed              priority
target                         age          153

addDate     2001/04/19 09:07:30   assignDate    2001/04/30 09:19:42
lastUpdate  2001/09/19 11:36:32   responseDate  2001/04/30 16:53:38
endDate     2001/09/19 11:36:32

ownerLogin  bobgens             originLogin   bobgens
ownerName   Bob Gensler         originName    Bob Gensler
ownerArea   xxwa                originArea    xxwa

tracks:
  releaseName    state     addDate     lastUpdate  target      duplicate
  rsct_rdrs      complete  2001/04/30  2001/09/19  2001/04/30  73400

verify:
  type      state    addDate     lastUpdate  userLogin (userName)
  original  accept   2001/09/19  2001/09/19  bobgens

history:
  addDate               action
  2001/04/19 09:07:30   open      bobgens (Bob Gensler)
  2001/04/30 09:19:42   assign    bobgens (Bob Gensler)
  2001/04/30 16:52:09   design    bobgens (Bob Gensler)
  2001/04/30 16:52:30   site      bobgens (Bob Gensler)
  2001/04/30 16:52:53   review    bobgens (Bob Gensler)
  2001/04/30 16:53:38   accept    bobgens (Bob Gensler)
  2001/09/19 11:35:47   testnote  bobgens (Bob Gensler)
  2001/09/19 11:35:47   verify    bobgens (Bob Gensler)
  2001/09/19 11:36:32   close     bobgens (Bob Gensler)

duplicate features: none.
duplicate defects: none.
sizing: none.
notes:
```

<Note by bobgens (Bob Gensler), 2001/04/19 09:07:30, seq: 1 rel: 0 action: open>
This feature is to be used for the submission of the security software code to support the HSC infrastructure on the Regatta stand-alone system. The software being submitted for this feature includes the following components of the security software infrastructure:
 - CtSec mechanism abstraction layer (MAL)
 - CtSec MAL Interfaces (MALi)
 - Client/Server authentication capability
 - Peer-to-Peer authentication capability
 - Message authentication capability
 - Access control capability

<Note by bobgens (Bob Gensler), 2001/04/30 09:19:42, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: bobgens

<Note by bobgens (Bob Gensler), 2001/04/30 16:52:09, seq: 3 rel: 0 action: design>
Component design in AFS Cell in:
/afs/aix/project/linux/design/security/ctsec/compdos/ctsec_compdes.ps

<Note by bobgens (Bob Gensler), 2001/04/30 16:52:30, seq: 4 rel: 0 action: size>
sizings to be recorded in Pipeline for line item BXK.

<Note by bobgens (Bob Gensler), 2001/04/30 16:52:53, seq: 5 rel: 0 action: review>
Component design review complete date 04/30/2001.

<Note by bobgens (Bob Gensler), 2001/04/30 16:53:38, seq: 6 rel: 0 action: accept>

Component design accepted by the security team 04/30/2001.

<Note by bobgens (Bob Gensler), 2001/09/19 11:35:47, seq: 7 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdrs.

```
prefix      dd
name        73784
reference
abstract    Missing CtSec APIs
duplicate

state       closed              priority
severity    2                   target       2001/05/07
age         207

compName    ctsec               answer        program_defect
release     rsct_rdrs           symptom       not_to_spec
envName                         phaseFound    development
level                           phaseInject   development

addDate     2001/05/04 08:49:02   assignDate    2001/05/04 08:49:29
lastUpdate  2001/11/26 08:47:29   responseDate  2001/05/04 08:49:56
endDate     2001/11/26 08:47:29

ownerLogin  bobgens             originLogin   bobgens
ownerName   Bob Gensler         originName    Bob Gensler
ownerArea   xxwa                originArea    xxwa

tracks:
  releaseName    state     addDate     lastUpdate  target      duplicate
  rsct_rdra      complete  2001/05/04  2001/11/26  2001/05/01  73784

verify:
  type      state    addDate     lastUpdate  userLogin (userName)
  original  accept   2001/11/26  2001/11/26  bobgens

history:
  addDate               action
  2001/05/04 08:49:02   open      bobgens (Bob Gensler)
  2001/05/04 08:49:29   assign    bobgens (Bob Gensler)
  2001/05/04 08:49:56   accept    bobgens (Bob Gensler)
  2001/11/26 08:47:22   testnote  bobgens (Bob Gensler)
  2001/11/26 08:47:22   verify    bobgens (Bob Gensler)
  2001/11/26 08:47:29   close     bobgens (Bob Gensler)

duplicate defects: none.
duplicate features: none.
sizing: none.
notes:
```

<Note by bobgens (Bob Gensler), 2001/05/04 08:49:02, seq: 1 rel: 0 action: open>
The routine sec_create_acl_from_data was not provided in the initial CtSec API code drop. This routine should be provided.

Also, provide stubs for the sec_verify_perm_from_ctx and sec_verify_perm_from_cab routines, until these routines are provided at a later time.

<Note by bobgens (Bob Gensler), 2001/05/04 08:49:29, seq: 2 rel: 0 action: assign>
Assigning this back to me for completion.
Old Owner: serban
New Owner: bobgens

<Note by bobgens (Bob Gensler), 2001/05/04 08:49:56, seq: 3 rel: 0 action: accept>
Will repair

<Note by bobgens (Bob Gensler), 2001/05/04 08:50:36, seq: 4 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development

Old Target:
New Target: 2001/05/07

<Note by bobgens (Bob Genesler), 2001/11/26 08:47:22, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco of release rct_rdra.

```
prefix
name          db
reference     73828
abstract      Remove new ct_sec.h from export directory
duplicate

state         closed
severity      2
age           126

compName      ctsec           answer       program defect
release       rct_rdra        symptom      build failed
envName                       phaseFound   development
level                         phaseInject  development

addDate       2001/05/07 14:33:55    assignDate    2001/05/07 14:33:55
lastUpdate    2001/09/10 08:27:26    responseDate  2001/05/07 15:26:50
endDate       2001/09/10 08:27:26

ownerLogin    serban           originLogin   serban
ownerName     Maerean, Serban  originName    Maerean, Serban
ownerArea     85ca             originArea    85ca

tracks:
releaseName          state       addDate     lastUpdate target
rct_rdra             complete    2001/05/07 2001/09/10

verify: none.

history:
addDate                          action      userLogin (userName)
2001/05/07 14:33:55              open        serban (Maerean, Serban)
2001/05/07 15:26:50              accept      serban (Maerean, Serban)
2001/05/07 17:18:25              modify      serban (Maerean, Serban)
2001/09/10 08:27:26              testnote    serban (Maerean, Serban)
2001/09/10 08:27:26              close       serban (Maerean, Serban)

duplicate defects: none.
duplicate features: none.
sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/05/07 14:33:55, seq: 1 rel: 0 action: open>
Remove new ct_sec.h from export directory
<Note by serban (Maerean, Serban), 2001/05/07 17:18:25, seq: 2 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development
<Note by serban (Maerean, Serban), 2001/09/10 08:27:26, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release rct_rdra.

prefix
name          dd
reference     73845
abstract      Add message authentication routines
duplicate

state         closed
severity      3
age           126

compName      ctsec           answer       new_function
```

```
release       rct_rdra        symptom      appdev
envName                       phaseFound   development
level                         phaseInject  development

addDate       2001/05/07 18:04:38    assignDate    2001/05/07 18:04:38
lastUpdate    2001/09/10 08:27:27    responseDate  2001/05/07 18:05:46
endDate       2001/09/10 08:27:27

ownerLogin    serban           originLogin   serban
ownerName     Maerean, Serban  originName    Maerean, Serban
ownerArea     85ca             originArea    85ca

track:
releaseName          state       addDate     lastUpdate target
rct_rdra             complete    2001/05/07 2001/09/10

verify: none.

history:
addDate                          action      userLogin (userName)
2001/05/07 18:04:38              open        serban (Maerean, Serban)
2001/05/07 18:05:46              accept      serban (Maerean, Serban)
2001/05/08 15:32:05              modify      serban (Maerean, Serban)
2001/09/10 08:27:27              testnote    serban (Maerean, Serban)
2001/09/10 08:27:27              close       serban (Maerean, Serban)

duplicate defects: none.
duplicate features: none.
sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/05/07 18:04:38, seq: 1 rel: 0 action: open>
Add message authentication routines
<Note by serban (Maerean, Serban), 2001/05/08 15:32:05, seq: 2 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development
<Note by serban (Maerean, Serban), 2001/09/10 08:27:27, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release rct_rdra.

prefix
name          dd
reference     73936
abstract      Add support for unauthenticated on the server side.
duplicate

state         closed
severity      3
age           124

compName      ctsec           answer       new_function
release       rct_rdra        symptom      appdev
envName                       phaseFound   development
level                         phaseInject  development

addDate       2001/05/09 17:06:34    assignDate    2001/05/09 17:06:34
lastUpdate    2001/09/10 08:27:28    responseDate  2001/05/09 17:07:52
endDate       2001/09/10 08:27:28

ownerLogin    serban           originLogin   serban
ownerName     Maerean, Serban  originName    Maerean, Serban
ownerArea     85ca             originArea    85ca

tracks:
releaseName          state       addDate     lastUpdate target
rct_rdra             complete    2001/05/09 2001/09/10

verify: none.

history:
addDate                          action      userLogin (userName)
```

(left record)

```
2001/05/09 17:06:34   open       serban (Maerean, Serban)
2001/05/09 17:07:52   accept     serban (Maerean, Serban)
2001/05/09 17:14:31   modify     serban (Maerean, Serban)
2001/09/10 08:27:28   testnote   serban (Maerean, Serban)
2001/09/10 08:27:28   close      serban (Maerean, Serban)
```

prefName	compName	originLogin	duplicate	answer
db 73953	ctsec	ppsbld	73936	duplicate

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/05/09 17:06:34, seq: 1 rel: 0 action: open>
Add support for unauthenticated on the server side.

<Note by serban (Maerean, Serban), 2001/05/09 17:14:30, seq: 2 rel: 0 action: modify>
Old Phase Injected: development
New Phase Injected: development

<Note by serban (Maerean, Serban), 2001/09/10 08:27:28, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

```
prefix       dd
name         74024
reference
abstract     Fix error handling in MAL and additional cleanup
duplicate
state        closed                 priority
severity     3                      target
age          119
compName     ctsec                  answer            dev_issue
release      rsct_rdra              symptom           appdev
envName                             phaseFound        development
level                               phaseInject       development
addDate      2001/05/14 12:02:08    assignDate        2001/05/14 12:02:08
lastUpdate   2001/09/10 08:27:28    responseDate      2001/05/14 12:42:38
endDate      2001/09/10 08:27:28
ownerLogin   serban                 originLogin       serban
ownerName    Maerean, Serban        originName        Maerean, Serban
ownerArea    85ca                   originArea        85ca
```

tracks:
```
releaseName        state        addDate      lastUpdate target
rsct_rdra          complete     2001/05/14   2001/09/10
```

verify: none.

history:
```
addDate                action     userLogin (userName)
2001/05/14 12:02:08    open       serban (Maerean, Serban)
2001/05/14 12:02:46    modify     serban (Maerean, Serban)
2001/05/14 12:42:30    modify     serban (Maerean, Serban)
2001/05/14 12:42:38    accept     serban (Maerean, Serban)
2001/09/10 08:27:28    testnote   serban (Maerean, Serban)
2001/09/10 08:27:28    close      serban (Maerean, Serban)
```

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/05/14 12:02:08, seq: 1 rel: 0 action: open>
Fix error handling in MAL and additional cleanup

(right record)

<Note by serban (Maerean, Serban), 2001/05/14 12:02:46, seq: 2 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development

<Note by serban (Maerean, Serban), 2001/05/14 12:42:30, seq: 3 rel: 0 action: modify>
Old Answer:
New Answer: dev_issue

<Note by serban (Maerean, Serban), 2001/09/10 08:27:28, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

```
prefix       dd
name         74044
reference
abstract     CT LM: Drop of Host Authentication Stub APIs
duplicate
state        closed                 priority
severity     2                      target           2001/05/14
age          18
compName     ctsec                  answer           new function
release      rsct_rdra              symptom          function_needed
envName                             phaseFound       development
level                               phaseInject      development
addDate      2001/05/14 16:28:39    assignDate       2001/05/14 16:29:19
lastUpdate   2001/06/01 08:53:17    responseDate     2001/05/14 16:29:45
endDate      2001/06/01 08:53:17
ownerLogin   bobgens                originLogin      bobgens
ownerName    Bob Gensler            originName       Bob Gensler
ownerArea    xxwa                   originArea       xxwa
```

tracks:
```
releaseName        state        addDate      lastUpdate target
rsct_rdra          complete     2001/05/14   2001/06/01 2001/05/14
```

verify: none.

history:
```
addDate                action     userLogin (userName)
2001/05/14 16:28:39    open       bobgens (Bob Gensler)
2001/05/14 16:29:19    assign     bobgens (Bob Gensler)
2001/05/14 16:29:45    accept     bobgens (Bob Gensler)
2001/05/14 16:30:10    modify     bobgens (Bob Gensler)
2001/06/01 08:53:17    testnote   bobgens (Bob Gensler)
2001/06/01 08:53:17    close      bobgens (Bob Gensler)
```

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by bobgens (Bob Gensler), 2001/05/14 16:28:39, seq: 1 rel: 0 action: open>
Provide stub interfaces for the CtSec host authentication APIs:
    sec_get_host_token
    sec_delete_host_token
    sec_store_host_token
    sec_get_localhost_token
Real routines will follow shortly.

<Note by bobgens (Bob Gensler), 2001/05/14 16:29:19, seq: 2 rel: 0 action: assign>
Assigning to the correct developer
Old Owner: serban
New Owner: bobgens

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<Note by bobgens (Bob Gensler), 2001/05/14 16:29:45, seq: 3 rel: 0 action: accept>
okiodxio

Old Phase injected:
New Phase injected: development

Old Target:
New Target: 2001/05/14

<Note by bobgens (Bob Gensler), 2001/05/14 16:30:10, seq: 4 rel: 0 action: modify>

<Note by bobgens (Bob Gensler), 2001/06/01 08:53:17, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco of release ract_rdra.

prefix	dd		
name	74240		
reference			
abstract	Ct LX: Build failure in ct_sec_new.h - time_t unknown		
duplicate			

state	closed	priority	
severity	1	target	2001/05/21
age	11		

compName	ctsec	answer	program defect
release	ract_rdra	symptom	build failed
envName		phaseFound	development
level		phaseInject	building

addDate	2001/05/21 09:44:43	assignDate	2001/05/21 09:45:19
lastUpdate	2001/06/01 08:53:18	responseDate	2001/05/21 09:45:50
endDate	2001/06/01 08:53:18		

ownerLogin	bobgens	originLogin	bobgens
ownerName	Bob Gensler	originName	Bob Gensler
ownerArea	xxwa	originArea	xxwa

tracks:

releaseName	state	addDate	lastUpdate	target
ract_rdra	complete	2001/05/21	2001/06/01	2001/05/21

verify: none.

history:

addDate	action	userLogin (userName)
2001/05/21 09:44:43	open	bobgens (Bob Gensler)
2001/05/21 09:45:19	assign	bobgens (Bob Gensler)
2001/05/21 09:45:50	accept	bobgens (Bob Gensler)
2001/05/21 09:46:12	modify	bobgens (Bob Gensler)
2001/05/21 09:47:40	note	bobgens (Bob Gensler)
2001/06/01 08:53:18	testnote	bobgens (Bob Gensler)
2001/06/01 08:53:18	close	bobgens (Bob Gensler)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by bobgens (Bob Gensler), 2001/05/21 09:44:43, seq: 1 rel: 0 action: open>
During the Linux build of programs (anything in a Makefile that
has a target name of PROGRAMS) which include the revised ct_sec.h
header file (temporarily called <ract/ct_sec_new.h>), the following
error occurs:
    In file included from
/afs/aix.kingston.ibm.com/u/bobgens/sandboxes/rdra/export/x86_linux_2/usr/include/ract/ct_has.h:10
,
                   from
/afs/aix.kingston.ibm.com/u/bobgens/sandboxes/rdra/export/x86_linux_2/usr/include/ract/ct_sec_new.h:22:
/afs/aix.kingston.ibm.com/u/bobgens/sandboxes/rdra/src/ract/security/RAS/bin/cthas_test.c:22:
h:433: parse error before 'time_t'
    >> ERROR: mk: *** Error code 256
Note that this failure does *not* occur on AIX (and these build
environment differences are starting to become a bit annoying...).

This can be repaired by modifying the ct_has.h source code to
#include <time.h>. This is a harmless modification on the AIX
platform, and allows the Linux platform builds to complete.

<Note by bobgens (Bob Gensler), 2001/05/21 09:45:19, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: bobgens

<Note by bobgens (Bob Gensler), 2001/05/21 09:45:50, seq: 3 rel: 0 action: accept>
Will repair...

<Note by bobgens (Bob Gensler), 2001/05/21 09:46:12, seq: 4 rel: 0 action: modify>
Old Phase injected:
New Phase injected: building

Old Target:
New Target: 2001/05/21

<Note by bobgens (Bob Gensler), 2001/05/21 09:47:40, seq: 5 rel: 0 action: note>
It might seem odd to use a phaseInjected of "building", but this
failure does not occur in an AIX build, and there is no logical
reason (upon examination of the sorce code) that this failure
should exist in the Linux environment. Yet, it does, so one is
left to conclude that some difference in the build environment is
causing this compilation failure.

<Note by bobgens (Bob Gensler), 2001/06/01 08:53:18, seq: 6 rel: 0 action: testnote>
Test accept for environment Draco of release ract_rdra.

prefix	dd		
name	74254		
reference			
abstract	Drop message authentication routines.		
duplicate			

state	closed	priority	
severity	2	target	112
age			

compName	ctsec	answer	new function
release	ract_rdra	symptom	appDev
envName		phaseFound	development
level		phaseInject	development

addDate	2001/05/21 14:32:45	assignDate	2001/05/21 14:32:45
lastUpdate	2001/09/10 08:27:29	responseDate	2001/05/21 14:34:30
endDate	2001/09/10 08:27:29		

ownerLogin	serban	originLogin	serban
ownerName	Maerean, Serban	originName	Maerean, Serban
ownerArea	85ca	originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate	target
ract_rdra	complete	2001/05/21	2001/09/10	

verify: none.

history:

addDate	action	userLogin (userName)
2001/05/21 14:32:46	open	serban (Maerean, Serban)
2001/05/21 14:34:30	accept	serban (Maerean, Serban)
2001/05/21 17:54:34	modify	serban (Maerean, Serban)
2001/09/10 08:27:29	testnote	serban (Maerean, Serban)
2001/09/10 08:27:29	close	serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

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<Note by serban (Maerean, Serban), 2001/05/21 11:32:46, seq: 1 rel: 0 action: open>
Drop message authentication routines.

```
                                                       age        109
                                                       compName   ctsec
Old Phase injected:                                    release    ract_rdra
New Phase injected: development                        envName
                                                       level

Test accept for environment Draco of release ract_rdra.   addDate    2001/05/24 15:06:27
                                                       endDate    2001/09/10 08:27:31

prefix      dd                                         ownerLogin  serban
name        74313                                      ownerName   Maerean, Serban
reference                                              ownerArea   85ca
abstract    Ship the MPM and the config file
duplicate                                              tracks:
                                                          releaseName          state        addDate    lastUpdate target
state       closed          priority                     ---------------------------------------------------------------
severity    2               target                        ract_rdra            complete     2001/05/24 2001/09/10
age         111
                                                       verify: none.
compName    ctsec           answer      dev issue
release     ract_rdra       symptom     appdev          history:
envName                     phaseFound  development       addDate                    action       userLogin (userName)
level                       phaseInject development       ---------------------------------------------------------------
                                                          2001/05/24 15:06:27        open         serban (Maerean, Serban)
addDate     2001/05/22 16:11:47  assignDate   2001/05/22 16:11:47  2001/05/24 15:07:01  accept  serban (Maerean, Serban)
lastUpdate  2001/09/10 08:27:30  responseDate 2001/05/22 16:15:00  2001/05/24 15:07:13  modify  serban (Maerean, Serban)
endDate     2001/09/10 08:27:30                                    2001/09/10 08:27:30  testnote serban (Maerean, Serban)
                                                          2001/09/10 08:27:31  close        serban (Maerean, Serban)
ownerLogin  serban          originLogin  serban
ownerName   Maerean, Serban originName   Maerean, Serban  duplicate defects: none.
ownerArea   85ca            originArea   85ca
                                                       duplicate features: none.
tracks:
   releaseName       state        addDate    lastUpdate target  sizing: none.
   -----------------------------------------------------------
   ract_rdra         complete     2001/05/22 2001/09/10    notes:
                                                            <Note by serban (Maerean, Serban), 2001/05/24 15:06:27, seq: 1 rel: 0 action: open>
verify: none.                                               Miscellaneous security library fixes

history:                                                    <Note by serban (Maerean, Serban), 2001/05/24 15:07:13, seq: 2 rel: 0 action: modify>
   addDate                  action       userLogin (userName)  Old Phase injected:
   ------------------------------------------------------       New Phase injected: development
   2001/05/22 16:11:47      open         serban (Maerean, Serban)
   2001/05/22 16:12:09      modify       serban (Maerean, Serban)  <Note by serban (Maerean, Serban), 2001/09/10 08:27:30, seq: 3 rel: 0 action: testnote>
   2001/05/22 16:15:00      accept       serban (Maerean, Serban)  Test accept for environment Draco of release ract_rdra.
   2001/09/10 08:27:30      testnote     serban (Maerean, Serban)
   2001/09/10 08:27:30      close        serban (Maerean, Serban)  prefix     dd
                                                       name       74381
duplicate defects: none.                               reference
                                                       abstract   Fix logic in MAL's sec_receive_sec_context
duplicate features: none.                              duplicate

sizing: none.                                          state      closed          priority
                                                       severity   3               target
notes:                                                 age        108
   <Note by serban (Maerean, Serban), 2001/05/22 16:11:47, seq: 1 rel: 0 action: open>
   Ship the MPM and the config file                    compName   ctsec           answer      dev issue
                                                       release    ract_rdra       symptom     appdev
   <Note by serban (Maerean, Serban), 2001/05/22 16:12:09, seq: 2 rel: 0 action: modify>  envName  phaseFound development
   Old Phase injected:                                 level                      phaseInject development
   New Phase injected: development
                                                       addDate    2001/05/25 10:13:44  assignDate   2001/05/25 10:13:44
   <Note by serban (Maerean, Serban), 2001/09/10 08:27:30, seq: 3 rel: 0 action: testnote>  lastUpdate 2001/09/10 08:27:31  responseDate 2001/05/25 10:14:51
   Test accept for environment Draco of release ract_rdra.  endDate    2001/09/10 08:27:31

prefix     dd                                          ownerLogin  serban          originLogin  serban
name       74374                                       ownerName   Maerean, Serban originName   Maerean, Serban
reference                                              ownerArea   85ca            originArea   85ca
abstract   Miscellaneous security library fixes
duplicate                                              tracks:
                                                          releaseName          state        addDate    lastUpdate target
state      closed          priority                      ---------------------------------------------------------------
severity   3               target                         ract_rdra            complete     2001/05/25 2001/09/10
                                                       verify: none.
```

history:
```
  addDate              action    userLogin (userName)
  2001/05/25 10:13:44  open      serban (Maerean, Serban)
  2001/05/25 10:14:31  modify    serban (Maerean, Serban)
  2001/05/25 10:14:51  accept    serban (Maerean, Serban)
  2001/09/10 08:27:31  testnote  serban (Maerean, Serban)
  2001/09/10 08:27:31  close     serban (Maerean, Serban)
```
duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
  <Note by serban (Maerean, Serban), 2001/05/25 10:13:44, seq: 1 rel: 0 action: open>
  Fix logic in NAL's sec_receive_sec_context
  <Note by serban (Maerean, Serban), 2001/05/25 10:14:31, seq: 2 rel: 0 action: modify>
  Old Phase injected:
  New Phase injected: development
  <Note by serban (Maerean, Serban), 2001/09/10 08:27:31, seq: 3 rel: 0 action: testnote>
  Test accept for environment Draco of release rsct_rdra.

```
prefix      dd
name        74395
reference
abstract    Fix error handling because of tr_register_component it's using
duplicate

state       closed                priority
severity    3                     target
age         108

compName    ctsec                 answer                dev issue
release     rsct_rdra             symptom               appdev
envName                           phaseFound            development
level                             phaseInject           development

addDate     2001/05/25 15:35:22   assignDate            2001/05/25 15:35:22
lastUpdate  2001/09/10 08:27:32   responseDate          2001/05/25 15:36:11
endDate     2001/09/10 08:27:32

ownerLogin  serban                originLogin           serban
ownerName   Maerean, Serban       originName            Maerean, Serban
ownerArea   85ca                  originArea            85ca

tracks:
  releaseName          state                 addDate    lastUpdate target
  rsct_rdra            complete              2001/05/25 2001/09/10
```
verify: none.

history:
```
  addDate              action    userLogin (userName)
  2001/05/25 15:35:22  open      serban (Maerean, Serban)
  2001/05/25 15:35:59  modify    serban (Maerean, Serban)
  2001/05/25 15:36:11  accept    serban (Maerean, Serban)
  2001/09/10 08:27:32  testnote  serban (Maerean, Serban)
  2001/09/10 08:27:32  close     serban (Maerean, Serban)
```
duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
  <Note by serban (Maerean, Serban), 2001/05/25 15:35:22, seq: 1 rel: 0 action: open>
  Fix error handling because of tr_register_component it's using cu_set_error() and
  cu_set_no_error()
  <Note by serban (Maerean, Serban), 2001/05/25 15:35:59, seq: 2 rel: 0 action: modify>
  Old Phase injected:
  New Phase injected: development
  <Note by serban (Maerean, Serban), 2001/09/10 08:27:31, seq: 3 rel: 0 action: testnote>
  Test accept for environment Draco of release rsct_rdra.

```
prefix      dd
name        74416
reference
abstract    Fix location of configuration file: /var/ct/cfg/ctsec.cfg
duplicate

state       closed                priority
severity    2                     target
age         104

compName    ctsec                 answer                dev issue
release     rsct_rdra             symptom               appdev
envName                           phaseFound            development
level                             phaseInject           development

addDate     2001/05/29 10:50:21   assignDate            2001/05/29 10:50:21
lastUpdate  2001/09/10 08:27:32   responseDate          2001/05/29 10:51:11
endDate     2001/09/10 08:27:32

ownerLogin  serban                originLogin           serban
ownerName   Maerean, Serban       originName            Maerean, Serban
ownerArea   85ca                  originArea            85ca

tracks:
  releaseName          state                 addDate    lastUpdate target
  rsct_rdra            complete              2001/05/29 2001/09/10
```
verify: none.

history:
```
  addDate              action    userLogin (userName)
  2001/05/29 10:50:21  open      serban (Maerean, Serban)
  2001/05/29 10:50:37  modify    serban (Maerean, Serban)
  2001/05/29 10:51:11  accept    serban (Maerean, Serban)
  2001/09/10 08:27:32  testnote  serban (Maerean, Serban)
  2001/09/10 08:27:32  close     serban (Maerean, Serban)
```
duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
  <Note by serban (Maerean, Serban), 2001/05/29 10:50:21, seq: 1 rel: 0 action: open>
  Fix location of configuration file: /var/ct/cfg/ctsec.cfg
  <Note by serban (Maerean, Serban), 2001/05/29 10:50:37, seq: 2 rel: 0 action: modify>
  Old Phase injected:
  New Phase injected: development
  <Note by serban (Maerean, Serban), 2001/09/10 08:27:32, seq: 3 rel: 0 action: testnote>
  Test accept for environment Draco of release rsct_rdra.

```
prefix      dd
name        74420
reference
abstract    Fix core dump in sec_renew_identity().
duplicate

state       closed                priority
severity    2                     target
age         104
```

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Record 1

compName	ctsec
release	rsct_rdra
envName	
level	phaseInject

prefix	dt
name	74438
reference	
abstract	sec_start() routine fails for NULL security token
duplicate	

state	closed
severity	3
age	14

addDate	2001/05/29 12:01:41
lastUpdate	2001/09/10 08:27:33
endDate	2001/09/10 08:27:33

answer	dev_issue
symptom	appdev
phaseFound	development

| assignDate | 2001/05/29 12:01:41 |
| responseDate | 2001/05/29 12:02:05 |

ownerLogin	serban
ownerName	Maerean, Serban
ownerArea	85ca

originLogin	serban
originName	Maerean, Serban
originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/05/29	2001/09/10

verify: none.

history:

addDate	action	userLogin (userName)
2001/05/29 12:01:41	open	serban (Maerean, Serban)
2001/05/29 12:01:51	modify	serban (Maerean, Serban)
2001/05/29 12:02:05	accept	serban (Maerean, Serban)
2001/09/10 08:27:33	testnote	serban (Maerean, Serban)
2001/09/10 08:27:33	close	serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by serban (Maerean, Serban), 2001/05/29 12:01:41, seq: 1 rel: 0 action: open>
Fix core dump in sec_renew_identity().

<Note by serban (Maerean, Serban), 2001/05/29 12:01:51, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by serban (Maerean, Serban), 2001/09/10 08:27:33, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

Record 2

compName	ctsec
release	rsct_rdra
envName	
level	phaseInject

prefix	dd
name	74442
reference	
abstract	IX: prototype for sec_renew_identity() does not match code
duplicate	

state	closed
severity	1
age	10

answer	dev_issue
symptom	build_failed
phaseFound	development
phaseInject	development

addDate	2001/05/29 19:45:06
lastUpdate	2001/06/08 11:08:52
endDate	2001/06/08 11:08:52

| assignDate | 2001/05/29 19:45:06 |
| responseDate | 2001/05/30 08:58:07 |

ownerLogin	serban
ownerName	Maerean, Serban
ownerArea	85ca

originLogin	kpmas
originName	Schmidt, Michael
originArea	xswa

tracks:

releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/05/30	2001/06/08

verify: none.

history:

addDate	action	userLogin (userName)
2001/05/29 17:09:54	open	varude (Varude, Shrinas)
2001/05/30 09:04:15	accept	serban (Maerean, Serban)
2001/05/30 09:04:37	modify	serban (Maerean, Serban)
2001/06/07 10:06:34	assign	kaderu (Kaderu, Ravi Kiran)
2001/06/12 17:35:47	testnote	varude (Varude, Shrinas)
2001/06/12 17:35:47	close	varude (Varude, Shrinas)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by varude (Varude, Shrinas), 2001/05/29 17:09:54, seq: 1 rel: 0 action: open>
sec_start() routine dumps core for NULL security context token pointer

<Note by serban (Maerean, Serban), 2001/05/30 09:04:37, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:06:34, seq: 3 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu

<Note by varude (Varude, Shrinas), 2001/06/12 17:35:47, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Tested with build: rdratlf9. Testcases runs successfully.

notes:
<Note by kgnmas (Schmidt, Michael), 2001/05/29 19:45:06, seq: 1 rel: 0 action: open>
LX: prototype for sec_renew_identity() does not match code

The prototype for sec_renew_identity() in ct_sec.h does not
match the definition in ctsec_server.c, in the 2nd argument. In
the header file the the 2nd argument is a time_t while in
ctsec_server.c the 2nd argument is a ct_int32_t. On Linux these
two types resolve to different fundamental types (long vs. int)

ALL RSCT CODE MUST BE COMPILED FOR BOTH AIX AND LINUX PRIOR TO
BEING CHECKED INTO CMVC. THIS SHOULD HAVE BEEN CAUGHT !!!!!!

<Note by serban (Masrean, Serban), 2001/05/30 08:58:34, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kgnmas (Schmidt, Michael), 2001/06/08 11:08:52, seq: 3 rel: 0 action: testnote>
Test abstain for environment Draco of release rsct_rdra.

```
prefix          dt
name            74468
reference
abstract        sec_setup_socket() routine fails for NULL context token pointer
duplicate

state           closed                         priority
severity        3                              target
age             13

compName        ctsec           answer
release         rsct_rdra       symptom         dev_issue
envName         AIX5.1          phaseFound      test_failed
level                           phaseInject     frt_new
                                                development

addDate         2001/05/30 13:52:23    assignDate     2001/06/07 10:06:34
lastUpdate      2001/06/12 17:40:14    responseDate   2001/05/31 09:00:02
endDate         2001/06/12 17:40:14

ownerLogin      kaderu          originLogin     varude
ownerName       Kaderu, Ravi Kiran  originName  Varude, Shrinas
ownerArea       85ca            originArea      85ca

tracks:
releaseName       state           addDate     lastUpdate target
-----------------------------------------------------------------
rsct_rdra         complete        2001/05/31  2001/06/12

verify: none.

history:
addDate               action      userLogin (userName)
-----------------------------------------------------------------
2001/05/30 13:52:23   open        varude (Varude, Shrinas)
2001/05/31 09:00:02   accept      serban (Masrean, Serban)
2001/05/31 09:00:20   modify      serban (Masrean, Serban)
2001/06/07 10:06:34   assign      kaderu (Kaderu, Ravi Kiran)
2001/06/12 17:40:14   testnote    varude (Varude, Shrinas)
2001/06/12 17:40:14   close       varude (Varude, Shrinas)
```

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by varude (Varude, Shrinas), 2001/05/30 13:52:23, seq: 1 rel: 0 action: open>
ctsec_setup_socket() routine dumps core for NULL context
token pointer.

<Note by serban (Masrean, Serban), 2001/05/31 09:00:20, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:06:34, seq: 3 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu

<Note by varude (Varude, Shrinas), 2001/06/12 17:40:14, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Tested with build::draltif9. Testcase runs successfully. Defect is been fixed

```
prefix          dd
name            74529
reference
abstract        CT: update RMC to use new security library.
duplicate

state           closed                         priority
severity        2                              target
age             7

compName        rsct            answer
release         rsct_rdra       symptom         new_function
envName                         phaseFound      function_needed
level                           phaseInject     development
                                                development

addDate         2001/06/01 10:10:14    assignDate     2001/06/01 10:10:14
lastUpdate      2001/06/08 11:10:11    responseDate   2001/06/01 10:11:25
endDate         2001/06/08 11:10:11

ownerLogin      kgnmas          originLogin     kgnmas
ownerName       Schmidt, Michael  originName    Schmidt, Michael
ownerArea       xxwa            originArea      xxwa

tracks:
releaseName       state           addDate     lastUpdate target
-----------------------------------------------------------------
rsct_rdra         complete        2001/06/01  2001/06/08

verify:
type        state      addDate     lastUpdate userLogin          duplicate
-----------------------------------------------------------------
original    abstain    2001/06/01  2001/06/08 kgnmas             74529

history:
addDate               action      userLogin (userName)
-----------------------------------------------------------------
2001/06/01 10:10:14   open        kgnmas (Schmidt, Michael)
2001/06/01 10:10:42   modify      kgnmas (Schmidt, Michael)
2001/06/01 10:11:25   accept      kgnmas (Schmidt, Michael)
2001/06/08 11:08:53   testnote    kgnmas (Schmidt, Michael)
2001/06/08 11:08:53   verify      kgnmas (Schmidt, Michael)
2001/06/08 11:10:11   close       kgnmas (Schmidt, Michael)
```

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by kgnmas (Schmidt, Michael), 2001/06/01 10:10:14, seq: 1 rel: 0 action: open>
CT: update RMC to use new security library.

<Note by kgnmas (Schmidt, Michael), 2001/06/01 10:10:42, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kgnmas (Schmidt, Michael), 2001/06/08 11:08:53, seq: 3 rel: 0 action: testnote>
Test abstain for environment Draco of release rsct_rdra.

```
prefix          dd
```

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```
name          74536
reference     XXXXXX
abstract      CT: Add mpm_get_mapped_name and cu_set_error for identd.
duplicate

state         closed              priority
severity      3                   target      2001/06/01
age           140
```

compName	ctsec
release	rsct_rdra
envName	
level	

addDate	2001/06/01 11:19:47	answer	symptom	phaseFound	phaseInject
lastUpdate	2001/10/19 17:34:35	assignDate	2001/06/01 11:22:18	responseDate	2001/06/01 11:26:24
endDate	2001/10/19 17:34:35				

ownerLogin	hemant	originLogin	hemant
ownerName	hemant surl	originName	hemant surl
ownerArea	t9ba	originArea	t9ba

tracks:

releaseName	state	addDate	lastUpdate	userLogin	duplicate
rsct_rdra	complete	2001/06/01	2001/10/19		74536

verify:

type	state	addDate	lastUpdate	userLogin
original	accept	2001/10/19	2001/10/19	hemant

history:

addDate	action	userLogin (userName)
2001/06/01 11:19:47	open	hemant (hemant surl)
2001/06/01 11:22:18	assign	hemant (hemant surl)
2001/06/01 11:24:26	modify	hemant (hemant surl)
2001/06/01 11:26:24	accept	hemant (hemant surl)
2001/10/19 17:32:58	testnote	hemant (hemant surl)
2001/10/19 17:32:58	verify	hemant (hemant surl)
2001/10/19 17:34:35	close	hemant (hemant surl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by hemant (hemant surl), 2001/06/01 11:19:47, seq: 1 rel: 0 action: open>
CT: Add mpm_get_mapped_name and cu_set_error for identd.

^^^^^^^^
Abstract:
^^^^^^^^
CT: Add mpm_get_mapped_name and cu_set_error for identd.

^^^^^^^^
Details:
^^^^^^^^
[A] The XAL layer needs the ability to get the mapped name from the unix mpm (future).
Following routine was added :

Routine: mpm_get_mapped_name()
File: unix_common.c
Signature:
```c
ct_uint32_t mpm_get_mapped_name(
    ct_uint32_t *min_stat,   /* address of minor status code */
    void *ctoken,            /* mechanism context token */
    ct_int32_t *len,         /* input/output id length */
    ct_char_t *name)         /* returned name buffer */
```

[B] The sec_query_remote_identd() needs to set the appropriate error code using cu_set_error
instead of simply returning the rcode to XAL.
Routine: sec_query_remote_identd()
File: unix_uEila.c

<Note by hemant (hemant surl), 2001/06/01 11:22:18, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: hemant

<Note by hemant (hemant surl), 2001/06/01 11:24:26, seq: 3 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: component_design

Old Target:
New Target: 2001/06/01

<Note by hemant (hemant surl), 2001/06/01 11:26:24, seq: 4 rel: 0 action: accept>
o.k.

<Note by hemant (hemant surl), 2001/10/19 17:32:58, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco or release rsct_rdra.

```
prefix        dd
name          74546
reference
abstract      CT: Remove possible forever lock wait in libct_has.a
duplicate

state         closed              priority
severity      3                   target      2001/06/04
age           15
```

compName	ctsec	answer	program defect
release	rsct_rdra	symptom	prog_suspended
envName	rdratif6	phaseFound	development
level		phaseInject	development

addDate	2001/06/01 15:33:50	assignDate	2001/06/01 15:34:10
lastUpdate	2001/06/15 10:32:19	responseDate	2001/06/01 15:34:38
endDate	2001/06/16 10:32:19		

ownerLogin	bobgens	originLogin	bobgens
ownerName	Bob Gensler	originName	Bob Gensler
ownerArea	xxwa	originArea	xxwa

tracks:

releaseName	state	addDate	lastUpdate	target
rsct_rdra	complete	2001/06/01	2001/06/16	2001/06/04

verify: none.

history:

addDate	action	userLogin (userName)
2001/06/01 15:33:50	open	bobgens (Bob Gensler)
2001/06/01 15:34:10	assign	bobgens (Bob Gensler)
2001/06/01 15:34:38	accept	bobgens (Bob Gensler)
2001/06/01 15:34:56	modify	bobgens (Bob Gensler)
2001/06/16 10:32:19	testnote	bobgens (Bob Gensler)
2001/06/16 10:32:19	close	bobgens (Bob Gensler)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by bobgens (Bob Gensler), 2001/06/01 15:33:50, seq: 1 rel: 0 action: open>
The CtSec libct_has library can wait forever for a lock to become
available on either the local system's keyfiles or its trusted
host list. These blocking locks should be changed to non-blocking
locks that repeatedly retry to gain the lock for some amount of
time, giving up after a certain number of retries or a certain
amount of time as passed. This will prevent a process from being
blocked on the lock forever should another process "hang" while
holding the same lock.

<Note by bobgens (Bob Gensler), 2001/06/01 15:34:10, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: bobgens

```
<Note by bobgena (Bob Gensler), 2001/06/01 15:34:56, seq: 3 rel: 0  action: modify>
Old Phase Injected:
New Phase Injected: development
Old Target:
New Target: 2001/06/04
```

```
<Note by bobgena (Bob Gensler), 2001/06/16 10:32:19, seq: 4 rel: 0  action: testnote>
Test accept for environment Draco of release rsct_rdra.
```

prefix	dt
name	74590
reference	
abstract	Failure of sec_login_as_user() routine.
duplicate	

state	closed
severity	3
age	72

compName	ctsec
release	rsct_rdra
envName	AIX5.1
level	

addDate	2001/06/04 18:18:01
lastUpdate	2001/08/15 14:09:15
endDate	2001/08/15 14:09:15

ownerLogin	kaderu
ownerName	Kaderu, Ravi Kiran
ownerArea	85ca

priority	
target	

answer	program defect
symptom	test failed
phaseFound	fvt_dev
phaseInject	development

assignDate	2001/06/07 10:06:34
responseDate	2001/06/13 11:15:27

originLogin	nisley
originName	Mary Nisley
originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate	target
rsct_rdra	complete	2001/06/13	2001/06/21	
rsct_rlib	complete	2001/06/13	2001/06/21	
rsct_rpyxiA	complete	2001/06/13	2001/08/15	

verify: none.

history:

addDate	action	userLogin (userName)
2001/06/04 18:18:01	open	varude (Varude, Shrinas)
2001/06/07 10:06:34	assign	kaderu (Kaderu, Ravi Kiran)
2001/06/13 11:15:27	accept	kaderu (Kaderu, Ravi Kiran)
2001/06/13 14:03:56	modify	kaderu (Kaderu, Ravi Kiran)
2001/06/21 09:48:06	testnote	varude (Varude, Shrinas)
2001/06/21 09:52:15	testnote	varude (Varude, Shrinas)
2001/07/20 14:35:49	modify	varude (Varude, Shrinas)
2001/08/15 14:09:15	testnoto	pzollo (Zollo, Pearl)
2001/08/15 14:09:15	close	pzollo (Zollo, Pearl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

```
<Note by varude (Varude, Shrinas), 2001/06/04 18:18:01, seq: 1 rel: 0  action: open>
sec_login_as_user() routine with all valid parameters fails returning error message.
2656-003 Invalid security services or context token. return code=5.

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:06:34, seq: 2 rel: 0  action: assign>
Old Owner: serban
New Owner: kaderu

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/13 11:15:27, seq: 3 rel: 0  action: accept>
This routine is failing due to three reasons..
1.sec_get_client_identity is not returning the correct
  id buffer (in ctsec_server.c)
2.sec_login_as_user is not unwrapping the id buffer before
  it calls the mpm_login_as_user( in ctsec_server.c)
3.mAL is passing the wrong arguments while calling the
  mpm_login_as_user(in ctsec_mpm.c)
These 3 changes should be done for the sec_login_as_user to work
as designed
```

```
<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/13 14:03:56, seq: 4 rel: 0  action: modify>
Old Phase Injected:
New Phase Injected: development
```

```
<Note by varude (Varude, Shrinas), 2001/06/21 09:48:06, seq: 5 rel: 0  action: testnote>
Test accept for environment Draco of release rsct_rdra.
Tested with latest build:rdratlfa. Testcase runs successfully. Defect is been fixed
```

```
<Note by varude (Varude, Shrinas), 2001/06/21 09:52:15, seq: 6 rel: 0  action: testnote>
Test accept for environment Libra of release rsct_rlib.
Tested with latest build:rdratlfa. Testcase runs successfully. Defect is been fixed
```

```
<Note by varude (Varude, Shrinas), 2001/07/20 14:35:49, seq: 7 rel: 0  action: modify>
Old Originator: varude
New Originator: nisley
```

```
<Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:15, seq: 8 rel: 0  action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.
```

prefix	dd
name	74605
reference	
abstract	Fix build break in ct_sec.h
duplicate	

state	closed
severity	2
age	99

compName	ctsec
release	rsct_rdra
envName	
level	

addDate	2001/06/05 10:20:14
lastUpdate	2001/09/13 08:36:25
endDate	2001/09/13 08:36:25

ownerLogin	serban
ownerName	Maerean, Serban
ownerArea	85ca

priority	
target	

answer	dev issue
symptom	build failed
phaseFound	building
phaseInject	development

assignDate	2001/06/05 10:20:14
responseDate	2001/06/05 10:20:47

originLogin	serban
originName	Maerean, Serban
originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate	target
rsct_rdra	complete	2001/06/05	2001/09/10	

verify:

type	state	addDate	lastUpdate	userLogin	duplicate
original	accept	2001/09/12	2001/09/13	serban	74605

history:

addDate	state	action	userLogin (userName)
2001/06/05 10:20:14	serban	open	serban (Maerean, Serban)
2001/06/05 10:20:47	serban	accept	serban (Maerean, Serban)
2001/09/05 10:21:31	serban	modify	serban (Maerean, Serban)
2001/09/10 08:27:34		testnote	serban (Maerean, Serban)
2001/09/12 16:47:47		verify	serban (Maerean, Serban)
2001/09/13 08:36:25		close	serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

```
<Note by serban (Maerean, Serban), 2001/06/05 10:20:14, seq: 1 rel: 0  action: open>
```

fix build break in ct_sec.h

<Note by serban (Maerean, Serban), 2001/06/05 10:21:31, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by serban (Maerean, Serban), 2001/03/10 08:27:34, seq: 2 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdrs.

prefix   dd
name   74613
reference
abstract   Fix logic error in sec_start_sec_context (sec_mpm_start_sec_co
duplicate

state   closed
severity   2
age   99

compName	ctsec	answer	dev_issue
release	rsct_rdra	symptom	appdev
envName		phaseFound	development
level		phaseInject	development

addDate	2001/06/05 10:59:04	assignDate	2001/06/05 10:59:04
lastUpdate	2001/09/13 08:36:33	responseDate	2001/06/05 11:01:13
endDate	2001/09/13 08:36:33		

ownerLogin	serban	originLogin	serban
ownerName	Maerean, Serban	originName	Maerean, Serban
ownerArea	85ca	originArea	85ca

tracks:
releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/06/05	2001/09/10

verify:
type	state	addDate	lastUpdate userLogin	duplicate
original	accept	2001/09/12	2001/09/13 serban	74613

history:
addDate	action	userLogin (userName)
2001/06/05 10:59:04	open	serban (Maerean, Serban)
2001/06/05 11:01:13	accept	serban (Maerean, Serban)
2001/06/05 11:01:34	modify	serban (Maerean, Serban)
2001/09/10 08:27:34	testnote	serban (Maerean, Serban)
2001/09/12 16:47:49	verify	serban (Maerean, Serban)
2001/09/13 08:36:33	close	serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/06/05 10:59:04, seq: 1 rel: 0 action: open>
Fix logic error in sec_start_sec_context (sec_mpm_start_sec_context)

<Note by serban (Maerean, Serban), 2001/06/05 11:01:34, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by serban (Maerean, Serban), 2001/09/10 08:27:34, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

prefix   dt
name   74633

---

sec_complete_sec_context returns 0 for NULL client/server buff

<Note by serban (Maerean, Serban), 2001/06/05 10:21:31, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

Test accept for environment Draco of release rsct_rdra.

reference
abstract   sec_complete_sec_context returns 0 for NULL client/server buff
duplicate

state	closed	symptom	progam_defect
severity	3	phaseFound	test_failed
age	9	phaseInject	tvt_new development

release	rsct_rdra	assignDate	2001/06/07 10:06:34
envName	AIX5.1	responseDate	2001/06/07 16:03:34
level			

addDate	2001/06/05 16:50:21		
lastUpdate	2001/06/14 15:28:55		
endDate	2001/06/14 15:28:55		

ownerLogin	kaderu	originLogin	varude
ownerName	Kaderu, Ravi Kiran	originName	Varude, Shrinas
ownerArea	85ca	originArea	85ca

tracks:
releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/06/08	2001/06/14

verify: none.

history:
addDate	action	userLogin (userName)
2001/06/05 16:50:21	open	varude (Varude, Shrinas)
2001/06/07 10:06:34	assign	kaderu (Kaderu, Ravi Kiran)
2001/06/07 16:03:34	accept	kaderu (Kaderu, Ravi Kiran)
2001/06/08 15:47:30	modify	kaderu (Kaderu, Ravi Kiran)
2001/06/14 15:28:55	testnote	varude (Varude, Shrinas)
2001/06/14 15:28:55	close	varude (Varude, Shrinas)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by varude (Varude, Shrinas), 2001/06/05 16:50:21, seq: 1 rel: 0 action: open>
sec_complete_sec_context() routine...returns success for following testcases
1. Returns SEC_S_SUCCESS for NULL client context control data buffer
2. Returns SEC_S_SUCCESS for NULL server context control data buffer

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:06:34, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 16:03:34, seq: 3 rel: 0 action: accept>
Initialization of context token used within the routine not done,
hence dumping the core while cleanup

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/08 15:47:30, seq: 4 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by varude (Varude, Shrinas), 2001/06/14 15:28:55, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Tested with build:rdratif9. Testcase runs successfully, Defect is been fixed

prefix   dt
name   74659
reference
abstract   sec_release_name() fails for valid parameter
duplicate

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state	closed	priority	
severity	3	target	
age	0		

compName	ctsec	answer	program defect
release	rsct_rdra	symptom	test failed
envName	AIX5.1	phaseFound	fvt_new
level		phaseInject	development

addDate	2001/06/06 12:24:54	assignDate	2001/06/07 10:06:35
lastUpdate	2001/06/14 15:13:43	responseDate	2001/06/07 16:06:05
endDate	2001/06/14 15:13:43		

ownerLogin	kaderu	originLogin	varude
ownerName	Kaderu, Ravi Kiran	originName	Varude, Shrinas
ownerArea	85ca	originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/06/08 2001/06/14	

verify: none.

history:

addDate	state	action	userLogin (userName)
2001/06/06 12:24:55	open		varude (Varude, Shrinas)
2001/06/07 10:06:35	assign		kaderu (Kaderu, Ravi Kiran)
2001/06/07 16:06:05	accept		kaderu (Kaderu, Ravi Kiran)
2001/06/08 17:14:25	modify		kaderu (Kaderu, Ravi Kiran)
2001/06/14 15:13:43	testnote		varude (Varude, Shrinas)
2001/06/14 15:13:43	close		varude (Varude, Shrinas)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by varude (Varude, Shrinas), 2001/06/06 12:24:55, seq: 1 rel: 0 action: open>
sec_release_name() routine returns error for valid
client's network user name.
Return code, rc is junk value=537505744
Sometimes errmsg is generated with following message:
errmsg=2650-003 Invalid security services or context token

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:06:35, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 16:06:05, seq: 3 rel: 0 action: accept>
return code was not initialized in the routine..should be
initialized with SEC_S_SUCCESS

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/08 17:14:25, seq: 4 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by varude (Varude, Shrinas), 2001/06/14 15:13:43, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Tested with build rdrat109. Testcase runs successfullu. Defect is been fixed

prefix	dd
name	74697
reference	
abstract	sec_prepare_data: Fix error in wrapping data buffer
duplicate	

state	closed	priority	
severity	3	target	
age	7		

compName	ctsec	answer	dev issue
release	rsct_rdra	symptom	appdev
envName		phaseFound	development

---

level		phaseInject	development

addDate	2001/06/07 10:55:31	assignDate	2001/06/07 10:56:13
lastUpdate	2001/06/14 16:08:04	responseDate	2001/06/07 16:04:12
endDate	2001/06/14 16:08:04		

ownerLogin	kaderu	originLogin	kaderu
ownerName	Kaderu, Ravi Kiran	originName	Kaderu, Ravi Kiran
ownerArea	85ca	originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate target
rsct_rdra	complete	2001/06/08 2001/06/14	

verify: none.

history:

addDate	state	action	userLogin (userName)
2001/06/07 10:55:31	open		kaderu (Kaderu, Ravi Kiran)
2001/06/07 10:56:13	assign		kaderu (Kaderu, Ravi Kiran)
2001/06/07 16:04:12	accept		kaderu (Kaderu, Ravi Kiran)
2001/06/08 14:40:05	modify		kaderu (Kaderu, Ravi Kiran)
2001/06/14 16:08:04	testnote		kaderu (Kaderu, Ravi Kiran)
2001/06/14 16:08:04	close		kaderu (Kaderu, Ravi Kiran)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:55:31, seq: 1 rel: 0 action: open>
sec_prepare_data: Fix error in wrapping data buffer

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/07 10:56:13, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/08 14:40:05, seq: 3 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kaderu (Kaderu, Ravi Kiran), 2001/06/14 16:08:04, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

prefix	dd
name	74803
reference	
abstract	Fix ctsec.cfg issues
duplicate	

state	closed	priority	
severity	2	target	
age	91		

compName	ctsec	answer	dev issue
release	rsct_rdra	symptom	appdev
envName		phaseFound	development
level		phaseInject	development

addDate	2001/06/11 16:10:46	assignDate	2001/06/11 16:10:46
lastUpdate	2001/09/10 08:29:00	responseDate	2001/06/11 16:11:16
endDate	2001/09/10 08:29:00		

ownerLogin	serban	originLogin	serban
ownerName	Maerean, Serban	originName	Maerean, Serban
ownerArea	85ca	originArea	85ca

tracks:

releaseName	state	addDate	lastUpdate target

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```
                          complete     2001/06/11  2001/09/10
rcct_rdra                 complete     2001/06/11  2001/09/10
rcct_rlib
rcct_rpyxlA               complete     2001/06/11  2001/08/15

verify: none.

history:
   addDate           action    userLogin (userName)

   2001/06/11 16:10:46   open       serban (Maerean, Serban)
   2001/06/11 16:11:16   accept     serban (Maerean, Serban)
   2001/06/11 16:11:41   modify     pzollo (Zollo, Pearl)
   2001/08/15 14:08:29   testnote   serban (Maerean, Serban)
   2001/09/10 08:28:55   testnote   serban (Maerean, Serban)
   2001/09/10 08:29:00   testnote   serban (Maerean, Serban)
   2001/09/10 08:29:00   close      serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
   <Note by serban (Maerean, Serban), 2001/06/11 16:10:46, seq: 1 rel: 0 action: open>
   Fix ctsec.cfg issues

   <Note by serban (Maerean, Serban), 2001/06/11 16:11:41, seq: 2 rel: 0 action: modify>
   Old Phase injected: development
   New Phase injected: development

   <Note by serban (Maerean, Serban), 2001/09/10 08:29:00, seq: 5 rel: 0 action: testnote>
   Test accept for environment Libra of release rcct_rlib.

prefix    dt
name      74811
reference
abstract  CT: sec_start fail in Perl environment
duplicate

state     closed
severity  1
age       65

compName  ctsec           answer          dev_issue
release   rcct_rdra       symptom         incorrect_i/o
envName                   phaseFound      fvt_new
level                     phaseInject     development

addDate   2001/06/12 00:58:57    assignDate     2001/06/12 00:58:57
lastUpdate 2001/08/15 14:09:32   responseDate   2001/06/12 08:37:37
endDate   2001/08/15 14:09:32

ownerLogin serban              originLogin     dichung
ownerName  Maerean, Serban     originName      Chung, Diane
ownerArea  85ca                originArea      xxwa

tracks:
   ReleaseName      state      addDate        lastUpdate  target

   rcct_rdra        complete   2001/06/12 2001/08/14
   rcct_rlib        complete   2001/06/12 2001/07/16
   rcct_rpyxlA      complete   2001/06/12 2001/08/15

verify: none.

history:
   addDate           action    userLogin (userName)
```

```
   2001/06/12 00:58:57   open       dichung (Chung, Diane)
   2001/06/12 01:01:50   note       dichung (Chung, Diane)
   2001/06/12 01:22:54   note       agar (Agar, Eric)
   2001/06/12 08:37:37   accept     serban (Maerean, Serban)
   2001/06/12 08:37:49   modify     serban (Maerean, Serban)
   2001/06/14 14:29:49   testnote   dichung (Chung, Diane)
   2001/07/16 15:59:46   testnote   dichung (Chung, Diane)
   2001/08/15 14:09:32   testnote   pzollo (Zollo, Pearl)
   2001/08/15 14:09:32   close      pzollo (Zollo, Pearl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
   <Note by dichung (Chung, Diane), 2001/06/12 00:58:57, seq: 1 rel: 0 action: open>
   TEST_ENV: xdrat1f8 build for AIX on node c176n01 (AIX 5.1 and P7F1)

   RMCCLI (ex, "lsrsrc IBM.Condition") returns security error.

   If I execute rmc_test (RMCAPI client C program written by James Gilman), it works correctly.

   <Note by dichung (Chung, Diane), 2001/06/12 01:01:50, seq: 2 rel: 0 action: note>
   This is trace information.

   c176n01](/n/dichung/asrmc/CC12/Condition)> lsrsrc -Tv IBM.Condition
   Calling CT::MC::start_session
   Return CT::MC::start_session
   /usr/sbin/rsct/bin/ctdspmsg mccli mccli.cat ENsgNCcliMCFunctionFailure lsrsrc mc_start_session 37
   0x00000025
   lsrsrc: 2612-009 Unexpected error when the underlying RMC function mc_start_session was issued and
   produced a return code of 37 (0x00000025).

   And rmcapi trace shows :
   16:51:50.217722 T( 1) _MCA mc_start_session() entered:
                              ct_contact_t *contact_array = 0x2003e908,
                              ct_uint32_t number_of_contacts = 1,
                              mc_session_opts_t *options = 0,
                              mc_sess_hndl_t *session_hndl = 0x2003e478

   16:51:50.217729 T( 1) _NCA contact 0: ENV_VAR
   16:51:50.217734 T( 1) _NCA start session option: 0 (MC_SESSION_OPTS_NONE)
   16:51:50.223507 T( 1) _SEA sec_start returned (rc = 21, MEM status: 0x00000000 0x00000000
   0x00000000 ).
   16:51:50.223844 T( 1) _MCA The thread's error detail has been set as follows:
                              error code:       37
                              error message:  "2610-637 The security library routine sec_start()
   returned error 21: "2650-019 An error occurred during processing of the configuration file or the
   configuration file does not exist.".

                              file name:      "./../.../src/rsct/mc/rmcapi/mc_security.c"
                              file version:   "1.8"
                              line number:    1018
                              FFDC ID:        ""

   16:51:50.223958 T( 1) _MCA mc_start_session() returning (rc = 37):
                              *session_hndl = 0x00000000

   <Note by agar (Agar, Eric), 2001/06/12 01:22:54, seq: 3 rel: 0 action: note>

   Since the RMCAPI is reporting a security configuration error (error 21) to the
   Perl commands, I took a look at this problem. Running a Perl command under
   dbx revealed that the sec_read_config_file() routine is calling
   sec_parse_config_rec() after the last line of the configuration file has
   already been processed. Code inspection revealed to me the reason for this.
   The contents of the configuration file is being read into an allocated buffer,
   the contents of the buffer is being processed a line at a time; and a null
   byte is being used as the signal that the entire configuration file has been
   processed. The problem is that sec_read_config_file() is being passed the
   size of the configuration file in bytes, and that routine allocates a buffer
   of exactly that size, and reads the contents of the file into the buffer.
   This means that the null byte that will be found is beyond the allocated
   buffer. In many cases (in non-perl code), no problem is being detected. But
   in Perl code, the byte just after the allocated buffer is not null --- this
   leads to an invalid line being passed to sec_parse_config_rec().

   I tried a simple fix for this problem.  In ctsec_utils.c, 1.5, two lines of
   source code were changed to ensure the allocated buffer ends in a null byte.
   Line 695 was changed to allocate an extra byte.  So, that line went from:

                              if (!(buff = malloc(size))) {
```

to:

```
     if ((buff = malloc(size + 1)) {
```

Line 700 was changed to initialize the extra byte. So, that line went from:

```
          memset(buff, 0, size);
```

to:

```
          memset(buff, 0, size + 1);
```

A new library with these changes allowed the Perl commands to be run successfully.

The above changes can be found in my sandbox at:

```
/afs/aix.kingston.ibm.com/u/agar/ab/crc_test/src/rect/security/NAL/lib
```

Now that I look at the code again, since line 702 will only be considered successful if size bytes are read, line 700 could simply be:

```
           '(buff + size) = '\0';
```

<Note by serban (Maerean, Serban), 2001/06/12 08:37:49, seq: 4 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development

<Note by dichung (Chung, Diane), 2001/06/14 14:29:49, seq: 5 rel: 0 action: testnote>
Test accept for environment Draco of release ract_rdra.

<Note by dichung (Chung, Diane), 2001/07/16 15:59:46, seq: 6 rel: 0 action: testnote>
Test accept for environment Libra of release ract_rlib.

<Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:32, seq: 7 rel: 0 action: testnote>
Test abstain for environment Pyxis of release ract_rpyxiA.

```
prefix             dt
name               74869
reference
abstract           LX:CT mc_start_session hang/core if mpm file no exist
duplicate

state              closed
severity           3
age                63

compName           ctsec                  answer            dev_issue
release            ract_rdra              symptom           prog_suspended
envName                                   phaseFound        fvt_new
level                                     phaseInject       development

addData            2001/06/13 15:07:00    assignDate        2001/06/13 15:07:00
lastUpdate         2001/08/15 14:09:33    responseDate      2001/06/13 16:03:01
endDate            2001/08/15 14:09:33

ownerLogin         serban                 originLogin       dichung
ownerName          Maerean, Serban        originName        Chung, Diane
ownerArea          85ca                   originArea        xxwa

tracks:
releaseName                state          addDate       lastUpdate target
-----------                -----          -------       ----------------
ract_rdra                  complete       2001/06/13 2001/06/20
ract_rlib                  complete       2001/06/13 2001/07/16
ract_rpyxiA                complete       2001/06/13 2001/08/15

verify: none.
```

```
history:
             addDate               action         userLogin (userName)
             -------               ------         -----------------
             2001/06/13 15:07:00   open           dichung (Chung, Diane)
             2001/06/13 16:03:01   accept         serban (Maerean, Serban)
             2001/06/13 16:06:11   modify         serban (Maerean, Serban)
             2001/06/20 16:57:16   testnote       dichung (Chung, Diane)
             2001/07/16 16:10:22   testnote       dichung (Chung, Diane)
             2001/08/15 14:09:33   testnote       pzollo (Zollo, Pearl)
             2001/08/15 14:09:33   close          pzollo (Zollo, Pearl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
       <Note by dichung (Chung, Diane), 2001/06/13 15:07:00, seq: 1 rel: 0  action: open>
       TEST_ENV : rdratif9 on Linux and AIX

mc_start_session hang or generate core when security cfg file exist, but the mpm file specified in
Path doesn't exist.
This happens on Linux and AIX.

       <Note by serban (Maerean, Serban), 2001/06/13 16:06:11, seq: 2 rel: 0  action: modify>
       Old Phase Injected:
       New Phase Injected: development

       <Note by dichung (Chung, Diane), 2001/06/20 16:57:16, seq: 3 rel: 0  action: testnote>
       Test accept for environment Draco of release ract_rdra.

       <Note by dichung (Chung, Diane), 2001/07/16 16:10:22, seq: 4 rel: 0  action: testnote>
       Test accept for environment Libra of release ract_rlib.

       <Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:33, seq: 5 rel: 0  action: testnote>
       Test abstain for environment Pyxis of release ract_rpyxiA.

prefix             dt
name               74967
reference
abstract           Failure of sec_get_client_identity() routine on linux test m/c.
duplicate

state              closed                 priority
severity           3                      target
age                89

compName           ctsec                  answer            dev_issue
release            ract_rdra              symptom           mem_error
envName            Linux2.4.2-2smp        phaseFound        fvt_new
level                                     phaseInject       development

addData            2001/06/15 18:00:45    assignDate        2001/06/15 18:00:45
lastUpdate         2001/09/12 15:59:46    responseDate      2001/06/19 16:04:13
endDate            2001/09/12 15:59:46

ownerLogin         serban                 originLogin       sandraj
ownerName          Maerean, Serban        originName        Jackson, Sandra
ownerArea          85ca                   originArea        85ca

tracks:
releaseName                state          addDate       lastUpdate target
-----------                -----          -------       ----------------
ract_rdra                  complete       2001/06/19 2001/09/12
ract_rlib                  complete       2001/06/19 2001/09/12
ract_rpyxiA                complete       2001/06/19 2001/08/15

verify:
type               state          addDate       lastUpdate userLogin          duplicate
----               -----          -------       ----------------------          ---------
original           accept         2001/09/12 2001/09/12 sandraj                  74967
```
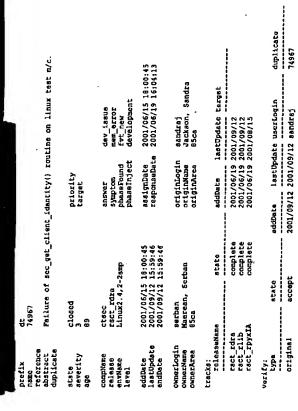
PAGE 55/128 * RCVD AT 5/15/2006 3:44:56 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:518 452 5579 * DURATION (mm-ss):50-50

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addDate	2001/06/18 15:56:04		assignDate	2001/06/18 15:56:04
lastUpdate	2001/09/12 16:00:10		responseDate	2001/06/19 12:01:12
endDate	2001/09/12 16:00:10			

ownerLogin	serban		originLogin	sandraj
ownerName	Maerean, Serban		originName	Jackson, Sandra
ownerArea	85ca		originArea	85ca

track:

releaseName	state		addDate	lastUpdate target
rsct_rdra	complete		2001/06/19 2001/09/12	
rsct_rlib	complete		2001/06/19 2001/09/12	
rsct_rpyxiA	complete		2001/06/19 2001/08/15	

verify:

type	state		addDate	lastUpdate userLogin	duplicate
original	accept		2001/09/12 2001/09/12 sandraj	75000

history:

addDate	action		userLogin (userName)
2001/06/18 15:56:04	open		varude (Varude, Shrinas)
2001/06/19 12:01:12	accept		serban (Maerean, Serban)
2001/06/19 12:01:29	modify		serban (Maerean, Serban)
2001/07/20 14:37:46	modify		varude (Varude, Shrinas)
2001/08/15 14:09:16	testnote		nisley (Mary Nisley)
2001/08/29 16:40:02	modify		pzollo (Zollo, Pearl)
2001/09/12 15:05:55	testnote		sandraj (Jackson, Sandra)
2001/09/12 15:05:55	verify		sandraj (Jackson, Sandra)
2001/09/12 15:07:25	testnote		sandraj (Jackson, Sandra)
2001/09/12 16:00:10	close		sandraj (Jackson, Sandra)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by varude (Varude, Shrinas), 2001/06/18 15:56:04, seq: 1 rel: 0 action: open>
sec_start_sec_context()..routine dumps the core for empty mechanism buffer(3rd parameter)
The empty buffer is defined as below:
sec_buffer_desc empty;
empty.value=NULL;
empty.length=0;

<Note by serban (Maerean, Serban), 2001/06/19 12:01:29, seq: 2 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development

<Note by varude (Varude, Shrinas), 2001/07/20 14:37:46, seq: 3 rel: 0 action: modify>
Old Originator: varude
New Originator: nisley

<Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:16, seq: 4 rel: 0 action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.

<Note by nisley (Mary Nisley), 2001/08/29 16:40:02, seq: 5 rel: 0 action: modify>
Old Originator: nisley
New Originator: sandraj

<Note by sandraj (Jackson, Sandra), 2001/09/12 15:05:55, seq: 6 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Execution of sec_get_client_creds test program yielded
successful results for sec_get_client_creds()/sec_start_sec_context()
on Sept. 12, 2001.
Ran tests for the Draco environment on both AIX and LINUX
machines. The empty mech buffer test no longer dumps the core
and it returns the correct error code.

<Note by sandraj (Jackson, Sandra), 2001/09/12 15:07:25, seq: 7 rel: 0 action: testnote>
Test accept for environment Libra of release rsct_rlib.
Execution of sec_get_client_creds test program yielded

---

history:

addDate	action		userLogin (userName)
2001/06/15 18:00:45	open		varude (Varude, Shrinas)
2001/06/19 16:04:13	accept		serban (Maerean, Serban)
2001/06/19 16:04:27	modify		serban (Maerean, Serban)
2001/07/20 14:37:07	modify		varude (Varude, Shrinas)
2001/08/15 14:09:16	testnote		pzollo (Zollo, Pearl)
2001/08/29 16:39:48	modify		nisley (Mary Nisley)
2001/09/12 14:30:19	testnote		sandraj (Jackson, Sandra)
2001/09/12 14:30:19	verify		sandraj (Jackson, Sandra)
2001/09/12 14:31:23	testnote		sandraj (Jackson, Sandra)
2001/09/12 15:59:46	close		sandraj (Jackson, Sandra)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by varude (Varude, Shrinas), 2001/06/15 18:00:45, seq: 1 rel: 0 action: open>
sec_get_client_identity() routine fails returning Memory fault..
Generating SIGSGV signal on linux test machine(dracula).

<Note by serban (Maerean, Serban), 2001/06/19 16:04:27, seq: 2 rel: 0 action: modify>
Old Phase Injected:
New Phase Injected: development

<Note by varude (Varude, Shrinas), 2001/07/20 14:37:07, seq: 3 rel: 0 action: modify>
Old Originator: varude
New Originator: nisley

<Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:16, seq: 4 rel: 0 action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.

<Note by nisley (Mary Nisley), 2001/08/29 16:39:48, seq: 5 rel: 0 action: modify>
Old Originator: nisley
New Originator: sandraj

<Note by sandraj (Jackson, Sandra), 2001/09/12 14:30:19, seq: 6 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.
Execution of server/client program yielded successful results
for sec_get_client_identity() on Sept. 12, 2001. Ran test on
fvt031.ppd.pok.ibm.com which is installed with the Draco
environment.

<Note by sandraj (Jackson, Sandra), 2001/09/12 14:31:23, seq: 7 rel: 0 action: testnote>
Test accept for environment Libra of release rsct_rlib.
Execution of server/client program yielded successful results
for sec_get_client_identity() on Sept. 12, 2001. Ran test on
fvt032.ppd.pok.ibm.com which is installed with the Libra
environment.

prefix	dt
name	75000
reference	
abstract	sec_start_sec_context() dumps the core for empty mech. buffer
duplicate	
state	closed
severity	3
age	86
compName	ctsec
release	rsct_rdra
envName	Linux2.1.2-2ssp
level	

priority	
target	
answer	dev_issue
symptom	core_dump
phaseFound	fvt_new
phaseInject	development

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successful results for sec_get_client_creds()/sec_start_sec_context()
on Sept. 12, 2001.
Ran tests for the Libra environment on both AIX and LINUX
machines. The empty much buffer cast no longer dumps the core
and it returns the correct error code.

```
prefix        dd
name          75095
reference
abstract      CT: Add CtCasd support to Unix MPM
duplicate

state         closed                priority
severity      2
age           121                   target

compName      ctsec                 answer        new_function
release       rsct_rdra             symptom       function_needed
envName                             phaseFound    development
level                               phaseInject   development

addDate       2001/06/20 14:41:04   assignDate    2001/06/20 14:41:14
lastUpdate    2001/10/19 17:34:30   responseDate  2001/06/25 18:31:17
endDate       2001/10/19 17:34:30

ownerLogin    hemant                originLogin   hemant
ownerName     hemant suri           originName    hemant suri
ownerArea     t9ba                  originArea    t9ba

tracks:
releaseName           state       addDate       lastUpdate  target
rsct_rdra             complete    2001/06/25 2001/10/19
rsct_rlib             complete    2001/06/25 2001/10/19
rsct_rpyxiA           complete    2001/06/25 2001/08/15

verify:
type      state      addDate      lastUpdate  userLogin              duplicate
original  accept                  2001/10/19 2001/10/19 hemant        75095

history:
addDate                 action      userLogin (userName)
2001/06/20 14:41:04     open        hemant (hemant suri)
2001/06/20 14:41:14     assign      hemant (hemant suri)
2001/06/25 18:31:17     accept      hemant (hemant suri)
2001/06/25 23:15:01     modify      hemant (hemant suri)
2001/08/15 14:08:21     testnote    pzollo (Zollo, Pearl)
2001/10/19 17:32:47     testnote    hemant (hemant suri)
2001/10/19 17:32:59     testnote    hemant (hemant suri)
2001/10/19 17:32:59     verify      hemant (hemant suri)
2001/10/19 17:34:30     close       hemant (hemant suri)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
    <Note by hemant (hemant suri), 2001/06/20 14:41:04, seq: 1 rel: 0  action: open>
    CT: Add CtCasd support to Unix MPM
    ^^^^^^^^
    Abstract:
    ^^^^^^^^
    CT: Add CtCasd support to Unix MPM
    ^^^^^^^^
    Detail:
    ^^^^^^^^
Add CtCasd support to Unix MPM for authentication/authorization purposes

    <Note by hemant (hemant suri), 2001/06/20 14:41:14, seq: 2 rel: 0  action: assign>
    Old Owner: serban
    New Owner: hemant

    <Note by hemant (hemant suri), 2001/06/25 18:31:17, seq: 3 rel: 0  action: accept>
```

```
done
    <Note by hemant (hemant suri), 2001/06/25 23:15:01, seq: 4 rel: 0  action: modify>
    Old Phase injected:
    New Phase injected:  development

    <Note by pzollo (Zollo, Pearl), 2001/08/15 14:08:21, seq: 5 rel: 0  action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.

    <Note by hemant (hemant suri), 2001/10/19 17:32:47, seq: 6 rel: 0  action: testnote>
Test accept for environment Libra of release rsct_rlib.

    <Note by hemant (hemant suri), 2001/10/19 17:32:59, seq: 7 rel: 0  action: testnote>
Test accept for environment Draco of release rsct_rdra.

prefix        dt
name          75134
reference
abstract      sec_login_as_service() returns incorrect error messages.
duplicate

state         closed                priority
severity      1
age           55                    target

compName      ctsec                 answer        dev_issue
release       rsct_rdra             symptom       msg_occurred
envName       AIX/Linux             phaseFound    fvt_new
level                               phaseInject   development

addDate       2001/06/21 15:14:29   assignDate    2001/06/21 15:14:29
lastUpdate    2001/08/15 14:09:16   responseDate  2001/06/22 07:31:55
endDate       2001/08/15 14:09:16

ownerLogin    serban                originLogin   nisley
ownerName     Maerean, Serban       originName    Mary Nisley
ownerArea     85ca                  originArea    85ca

tracks:
releaseName           state       addDate       lastUpdate  target
rsct_rdra             complete    2001/06/22 2001/07/20
rsct_rlib             complete    2001/06/22 2001/07/20
rsct_rpyxiA           complete    2001/06/22 2001/08/15

verify: none.

history:
addDate                 action      userLogin (userName)
2001/06/21 15:14:29     open        varude (Varude, Shrinas)
2001/06/22 07:31:55     accept      serban (Maerean, Serban)
2001/06/22 07:32:09     modify      serban (Maerean, Serban)
2001/07/20 14:41:27     testnote    varude (Varude, Shrinas)
2001/07/20 14:41:39     testnote    varude (Varude, Shrinas)
2001/07/20 14:42:11     modify      varude (Varude, Shrinas)
2001/08/15 14:09:16     testnote    pzollo (Zollo, Pearl)
2001/08/15 14:09:16     close       pzollo (Zollo, Pearl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
    <Note by varude (Varude, Shrinas), 2001/06/21 15:14:29, seq: 1 rel: 0  action: open>
    The error messages returned by sec_login_as_service() routine
    reflects its name as sec_login_as_client instead of printing
    its own routine name. Below is the error returned by sec_login_as_service()...
    crtmsg:2650-002 Caller provided invalid arguments to sec_login_as_client.

    <Note by serban (Maerean, Serban), 2001/06/22 07:32:09, seq: 2 rel: 0  action: modify>
```

```
Old Phase Injected:
New Phase Injected: development

<Note by varude (Varude, Shrinas), 2001/07/20 14:41:27, seq: 3 rel: 0 action: testnote>
Test accept for environment Draco of release ract_rdra.

<Note by varude (Varude, Shrinas), 2001/07/20 14:41:39, seq: 4 rel: 0 action: testnote>
Test abstain for environment Libra of release ract_rlib.
tested with build. Defect is been fixed

<Note by varude (Varude, Shrinas), 2001/07/20 14:42:11, seq: 5 rel: 0 action: modify>
Old Originator: varude
New Originator: nisley

<Note by pzollo (Zollo, Pearl), 2001/08/15 14:09:16, seq: 6 rel: 0 action: testnote>
Test abstain for environment Pyxis of release ract_rpyxiA.

prefix          dd
name            75130
reference
abstract        Improvements in error reporting and messaging
duplicate

state           closed
severity        2
age             80

compName        ctsec            answer          dev_issue
release         ract_rdra        symptom         appdev
envName                          phaseFound      development
level                            phaseInject     development

addDate         2001/06/22 08:35:29     assignDate          priority
lastUpdate      2001/09/10 08:29:28     responseDate        target
endDate         2001/09/10 08:29:28

ownerLogin      serban           originLogin     2001/06/22 08:35:29
ownerName       Maerean, Serban  originName      2001/06/22 08:35:54
ownerArea       85ca             originArea

tracks:
releaseName        state       addDate       lastUpdate   target
ract_rdra          complete    2001/06/22    2001/09/10    serban
ract_rlib          complete    2001/06/22    2001/09/10    Maerean, Serban
ract_rpyxiA        complete    2001/08/15    2001/08/15    85ca

verify: none.

history:
addDate               state      action      userLogin (userName)
2001/06/22 00:35:29   complete   open        serban (Maerean, Serban)
2001/06/22 08:35:34   complete   accept      serban (Maerean, Serban)
2001/08/22 08:36:15   modify                 serban (Maerean, Serban)
2001/08/15 14:09:30              testnote    pzollo (Zollo, Pearl)
2001/09/09 08:29:23              testnote    serban (Maerean, Serban)
2001/09/10 08:29:28              testnote    serban (Maerean, Serban)
2001/09/10 08:29:28              close       serban (Maerean, Serban)

duplicate defects: none.
duplicate features: none.
sizing: none.
notes:
<Note by serban (Maerean, Serban), 2001/06/22 08:35:29, seq: 1 rel: 0 action: open>
Improvements in error reporting and messaging

<Note by serban (Maerean, Serban), 2001/06/22 08:36:15, seq: 2 rel: 0 action: modify>
Old Phase Injected:
```

```
New Phase Injected: development

<Note by pzollo (Zollo, Pearl), 2001/08/15 14:08:30, seq: 3 rel: 0 action: testnote>
Test abstain for environment Pyxis of release ract_rpyxiA.

<Note by serban (Maerean, Serban), 2001/09/10 08:29:23, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release ract_rdra.

<Note by serban (Maerean, Serban), 2001/09/10 08:29:28, seq: 5 rel: 0 action: testnote>
Test accept for environment Libra of release ract_rlib.

prefix          dd
name            75495
reference
abstract        MAL:cleanup mpm_release_identity related things..
duplicate

state           closed           priority
severity        3                target
age             37

compName        ctsec            answer          dev_issue
release         ract_rdra        symptom         appdev
envName                          phaseFound      development
level                            phaseInject     development

addDate         2001/07/09 09:43:40    assignData      2001/07/09 09:44:30
lastUpdate      2001/08/15 14:07:45    responseDate    2001/07/09 09:58:29
endDate         2001/08/15 14:07:45

ownerLogin      kaderu           originLogin     kaderu
ownerName       Kaderu, Ravi Kiran  originName   Kaderu, Ravi Kiran
ownerArea       85ca             originArea      85ca

tracks:
releaseName        state       addDate       lastUpdate   target
ract_rdra          complete    2001/07/09    2001/07/30    kaderu
ract_rlib          complete    2001/07/09    2001/07/30    Kaderu, Ravi Kiran
ract_rpyxiA        complete    2001/07/09    2001/08/15    85ca

verify: none.

history:
addDate               state      action      userLogin (userName)
2001/07/09 09:43:40   complete   open        kaderu (Kaderu, Ravi Kiran)
2001/07/09 09:44:30   complete   assign      kaderu (Kaderu, Ravi Kiran)
2001/07/09 09:58:29   complete   accept      kaderu (Kaderu, Ravi Kiran)
2001/07/09 11:14:17              modify      kaderu (Kaderu, Ravi Kiran)
2001/07/30 11:35:31              testnote    kaderu (Kaderu, Ravi Kiran)
2001/07/30 11:35:46              testnote    kaderu (Kaderu, Ravi Kiran)
2001/08/15 14:07:45              testnote    pzollo (Zollo, Pearl)
2001/08/15 14:07:45              close       pzollo (Zollo, Pearl)

duplicate defects: none.
duplicate features: none.
sizing: none.
notes:
<Note by kaderu (Kaderu, Ravi Kiran), 2001/07/09 09:43:40, seq: 1 rel: 0 action: open>
MAL:cleanup mpm_release_identity related things.. MAL don't
call this anymore since it passes allocated buffers to MPM to
get the client identity..

<Note by kaderu (Kaderu, Ravi Kiran), 2001/07/09 09:44:30, seq: 2 rel: 0 action: assign>
Old Owner: serban
New Owner: kaderu
```

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<Note by kadaru (Kadaru, Ravi Kiran), 2001/07/09 11:14:17, seq: 3 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by kadaru (Kadaru, Ravi Kiran), 2001/07/30 11:35:31, seq: 4 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

<Note by kadaru (Kadaru, Ravi Kiran), 2001/07/30 11:35:46, seq: 5 rel: 0 action: testnote>
Test accept for environment Libra of release rsct_rilb.

<Note by prolio (Zollo, Pearl), 2001/08/15 14:01:45, seq: 6 rel: 0 action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.

```
prefix      dd
name        75505
reference
abstract    Cr:LX core dump in unix_mpm during rmcd authentication
duplicate

state       closed          priority
severity    2               target          2001/07/09
age         37

compName    ctsec           answer     program_defect
release     rsct_rdra       symptom    core_dump
envName                     phaseFound unit_test
level       rdralic         phaseInject development

addDate     2001/07/09 12:01:24    assignDate   2001/07/09 12:01:53
lastUpdate  2001/08/15 14:08:07    responseDate 2001/07/09 12:03:46
endDate     2001/08/15 14:08:07

ownerLogin  bobgens                originLogin  bobgens
ownerName   Bob Gensler            originName   Bob Gensler
ownerArea   xkwa                   originArea   xkwa
```

tracks:

releaseName	state	addDate	lastUpdate	target
rsct_rdra	complete	2001/07/09	2001/07/17	2001/07/09
rsct_rilb	complete	2001/07/09	2001/07/17	2001/07/09
rsct_rpyxiA	complete	2001/08/15	2001/08/15	2001/07/09

verify: none.

history:

addDate	action	userLogin (userName)
2001/07/09 12:01:24	open	bobgens (Bob Gensler)
2001/07/09 12:01:53	assign	bobgens (Bob Gensler)
2001/07/09 12:03:46	accept	bobgens (Bob Gensler)
2001/07/09 12:04:07	modify	bobgens (Bob Gensler)
2001/07/17 16:59:49	testnote	bobgens (Bob Gensler)
2001/08/15 14:08:07	testnote	prolio (Zollo, Pearl)
2001/08/15 14:08:07	testnote	prolio (Zollo, Pearl)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:

<Note by bobgens (Bob Gensler), 2001/07/09 12:01:24, seq: 1 rel: 0 action: open>
Line 667 of src/rsct/MPM/unix_mpm/lib/unix_psupport.c causes a
core dump in the rmcd daemon:
          free(cas_acd.value);
This core dump is likely being caused by the free()ing of a NULL
or incorrect value, which Linux is far less forgiving of than AIX.

<Note by bobgens (Bob Gensler), 2001/07/09 12:01:53, seq: 2 rel: 0 action: assign>
Old Owner: serban

New Owner: bobgens

<Note by bobgens (Bob Gensler), 2001/07/09 12:03:46, seq: 3 rel: 0 action: accept>
The file will be modified in two ways:
1) Ensure that the cas_acd is always initialized - currently, it
is initialized only when mutual authentication is used

Since I don't own the code, I don't know if this fix will allow
rmcd to authenticate or not. All I know is that it should prevent
the core dump problem. Any further fix will have to await Remant's
return.

<Note by bobgens (Bob Gensler), 2001/07/09 12:04:07, seq: 4 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

Old Target:
New Target: 2001/07/09

<Note by bobgens (Bob Gensler), 2001/07/17 16:59:49, seq: 5 rel: 0 action: testnote>
Test accept for environment Libra of release rsct_rilb.

<Note by bobgens (Bob Gensler), 2001/07/17 17:00:47, seq: 6 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdra.

<Note by prolio (Zollo, Pearl), 2001/08/15 14:08:07, seq: 7 rel: 0 action: testnote>
Test abstain for environment Pyxis of release rsct_rpyxiA.

```
prefix      dd
name        76430
reference   IY24020
abstract    Fixes required for unix MPM unauthentication support
duplicate

state       closed          priority
severity    2               target
age         200

compName    ctsec           answer     dev_issue
release     rsct_rdra       symptom    appdev
envName                     phaseFound development
level                       phaseInject development

addDate     2001/08/13 16:20:13    assignDate   2001/08/13 16:20:13
lastUpdate  2003/01/27 15:29:17    responseDate 2001/08/13 16:33:29
endDate     2003/01/27 15:29:17

ownerLogin  serban                 originLogin  serban
ownerName   Maerean, Serban        originName   Maerean, Serban
ownerArea   85ca                   originArea   85ca
```

tracks:

releaseName	state	addDate	lastUpdate	target
rsct_rdra	complete	2001/08/13	2002/02/28	IY24020
rsct_rdrb	complete	2001/08/13	2001/09/12	
rsct_rilb	complete	2001/08/13	2001/09/12	

verify:

type	state	addDate	lastUpdate	userLogin	duplicate
original	accept	2002/02/28	2003/01/27	serban	76430

history:

addDate	action	userLogin (userName)
2001/08/13 16:20:13	open	serban (Maerean, Serban)
2001/08/13 16:32:37	modify	serban (Maerean, Serban)
2001/08/13 16:33:29	accept	serban (Maerean, Serban)
2001/09/12 17:10:40	testnote	serban (Maerean, Serban)
2001/09/12 17:10:43	testnote	serban (Maerean, Serban)

2001/10/01 10:42:49	modify	jfuller (LeFevre, Judy)
2002/02/28 08:43:12	testnote	pzollo (Zollo, Pearl)
2002/03/28 08:43:12	verify	pzollo (Zollo, Pearl)
2003/01/27 15:29:17	close	serban (Maerean, Serban)

duplicate defects: none.

duplicate features: none.

sizing: none.

notes:
<Note by serban (Maerean, Serban), 2001/08/13 16:20:13, seq: 1 rel: 0 action: open>
Fixes required for unix NPM unauthentication support

<Note by serban (Maerean, Serban), 2001/08/13 16:32:37, seq: 2 rel: 0 action: modify>
Old Phase injected:
New Phase injected: development

<Note by serban (Maerean, Serban), 2001/09/12 17:10:40, seq: 3 rel: 0 action: testnote>
Test accept for environment Libra of release rsct_rlib.

<Note by serban (Maerean, Serban), 2001/09/12 17:10:43, seq: 4 rel: 0 action: testnote>
Test accept for environment dracob of release rsct_rdrb.

<Note by jfuller (LeFevre, Judy), 2001/10/01 10:42:49, seq: 5 rel: 0 action: modify>
Old Reference:
New Reference: IY24020

<Note by pzollo (Zollo, Pearl), 2002/02/28 08:43:12, seq: 6 rel: 0 action: testnote>
Test accept for environment Draco of release rsct_rdrs.
cleanup of draco

PAGE 59/128 * RCVD AT 5/15/2006 3:44:56 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:518 452 5579 * DURATION (mm-ss):50-50

05/15/2006 16:09 FAX 518 452 5579 HESLIN ROTHENBERG → USPTO-RESPONSES ☒059/128